Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware		Start Date 08/03/2004 End Date 08/30/2004	Well ID MW-01
Drilling Contractor Eichelbergers Drilling Method Air Rotary Sampling Method N.A. Groundwater Observation		Logged by Drilling Foreman Drill Rig	Dave Brisson Carey Knaub Ingersoll Rand T-4
Depth 43.0 at Hours			
Depth to Water ranges from 39.76 to 56.37			
Protector	' '		
Material		Concrete Diar	
Diameter		Concrete Thic	kness 2'
Length Ground			
Stickup -0.51'		Reference	
Key #		Elevation	267.05
Cover Type Road Box		Descriptio	n Top of PVC Casing
Tor Cool	<u> </u>	Garin -	
Top Seal		Casing	4"
Top 0	計畫	Diameter	4"
Bottom 21'		Material	PVC
Material Grout	抽畫	Length	27'
D 189		Top Eleva	tion 267.05
Backfill	H H		
Тор	11 11	Seal	
Bottom	H H	Top	21.0
Material		Bottom	24.0
	抽用	Material	Bentonite Chip
Secondary Sand	11 11		
Top	10 11	Screen	
Bottom	16 14	Top	27.00
Size	計画説	Bottom	107.00
	11 11	Material	Sch. 40 PVC
Filter Pack	- 前 前	Diameter	4"
Top 24.0	ji ij	Length	80'
Bottom 107.0	抽用	Slot Size	0.010"
Material #1 Sand		Soil Description	
			G1
Reported depth to bottom of boring 110.00		18' to 58': ROCK, soft, 58' to 60': Limestone V	
Last measured depth 107.76	证书	30 to out Limestone v	OID
		60.' to 76': ROCK, soft	
Comments	計量	76' to 77': Limestone V	OID
		77' to 81': ROCK, soft 81' to 96': ROCK, hard	
		96' to 100': ROCK, nard	
		100' to 110': Tan and g	
		_	
	10 - 11; 11: - 11;		
	可		
· ·	1 1200		
Vertical sc	ale ~ 1:200		



WELL COMPLETION LOG		a. =	*** H ***
Project: Phase II/III Investigation		Start Date	Well ID
LEA Commission Number 07MD306.005		08/05/2004	MW-02
Client Black & Decker HHI		End Date	1.1 , , , , ,
Location Baldwin Hardware		08/30/2004	
Drilling Contractor Eichelbergers		Logged by	Dave Brisson
Drilling Method Air Rotary		Drilling Foreman	Carey Knaub
Sampling Method N.A.		Drill Rig	Ingersoll Rand T-4
Groundwater Observation			
Depth 52.3 at Hours			
Depth to Water ranges from 42.31 to 62.38 Protector			
Material	<u> </u>	l Concrete Dian	noton 2!
		Concrete Dian	
Diameter		Concrete Thic	Kiless 2
Length Ground		D - f	
Stickup -0.57'		Reference	272.24
Key # GW		Elevation	272.24
Cover Type Road Box		Descriptio	n Top of PVC Casing
Top Seal		Cosino	
•	T T	Casing Diameter	4"
1	新龍		PVC
	11 11	Material	26'
Material Grout	- 自 - 自	Length	
D 1611		Top Eleva	tion 272.24
Backfill	- 自一位	0.1	
Тор	护道	Seal	20.0
Bottom		Тор	20.0
Material	빛 빛	Bottom	23.5
	镇 畠	Material	Bentonite Chip
Secondary Sand	밝다	G	
Top		Screen	26.00
Bottom	31 12	Тор	26.00
Size		Bottom	96.00
Elles De l	(1) 1!	Material	Sch. 40 PVC
Filter Pack		Diameter	4"
Top 23.5		Length	70.0'
Bottom 96.0	是 监	Slot Size	0.010"
Material #1 sand	8 8	Soil Description	
Deposited death to hottom of hosting 105.00	# #	22' to 30': Tan LIMEST	CONE soft
Reported depth to bottom of boring 105.00	<u> </u>	30' to 33': Gray LIMES	
Last measured depth 98.56	11 11	33' to 38': Tan LIMEST	TONE, soft
Community	H B	38' to 40': Limestone V	
Comments			rings; Soft tan LIMESTONE in LIMESTONE, minimal cuttings,
	海上最	highly fractured through	hout
	ji; ji;		tings between alternating tan and
	<u> </u>	grey LIMESTONE	
	<u> </u>		
Vertical sco	ale ~ 1:200		



Project: Phase II/III Investigation		Start Date	Well ID
LEA Commission Number 07MD306.005		08/03/2004	
Client Black & Decker HHI		End Date	MW-03
Location Baldwin Hardware		08/30/2004	
Drilling Contractor Eichelbergers		Logged by	Dave Brisson
Drilling Method Air Rotary		Drilling Foreman	Carey Knaub
Sampling Method N.A.		Drill Rig	Ingersoll Rand T-4
Groundwater Observation		Ö	
Depth 78.6 at Hours			
Depth to Water ranges from 59.46 to 97.72			
Protector			
Material		Concrete Dian	neter 2'
Diameter		Concrete Thic	kness 2'
Length Ground			
Stickup -0.36'		Reference	
Key # GW		Elevation	295.54
Cover Type Road Box		Description	
23.44 23.44 23.44 23.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24.44 24			
Top Seal		Casing	
Top 0		Diameter	4"
Bottom 44		Material	PVC
Material Grout		Length	50'
Material Grout		=	
D1-C11		Top Elevat	11011 293.34
Backfill		0.1	
Тор		Seal	
Bottom		Тор	44.0
Material		Bottom	48.0
		Material	Bentonite Chip
Secondary Sand			
Тор	111 11¦ 11. di	Screen	
Bottom		Тор	50.00
Size	111 11¦ 11. di	Bottom	100.00
	# #	Material	Sch. 40 PVC
Filter Pack	101 - 10 ₁	Diameter	4"
Top 48.0	排止情	Length	50'
Bottom 100.0	101 - 11 ₁	Slot Size	0.010"
Material #1 sand		Soil Description	
	H H	261 to 711, Correl IMES	TONE:
Reported depth to bottom of boring 100.00	iil lij	encountered	TONE, no significant voids
Last measured depth 98.91	ii ii	71' to 89': ROCK, hard	
	ir! 'I'; III II;		LIMESTONE with some iron
Comments	Ш Ц	staining of some faces	I IMECTONE
	0' '1' 01 01	95' to 100': Soft rock, ta	IN LIMESTONE
	- H - E	BOB 100'	
	ir! 'I'; III II;	-	
	П ——Т		
Vertical s	scale ~ 1:200		



WELL COMPLETION LOG		G. D. STILLED
Project: Phase II/III Investigation		Start Date Well ID
LEA Commission Number 07MD306.005		08/04/2004 MW-04
Client Black & Decker HHI		End Date
Location Baldwin Hardware		08/27/2004
Drilling Contractor Eichelbergers		Logged by Dave Brisson
Drilling Method Air Rotary		Drilling Foreman Carey Knaub
Sampling Method N.A.		Drill Rig Ingersoll Rand T-4
Groundwater Observation		
Depth 60.2 at Hours		
Depth to Water ranges from 59.36 to 61.12		
Protector	' '	
Material		Concrete Diameter 2'
Diameter		Concrete Thickness 2'
Length Ground		
Stickup -0.36'		Reference
Key # GW		Elevation 266.14
Cover Type Road Box		Description Top of PVC Casing
Top Seal		Casing
Top 0		Diameter 4"
Bottom 46		Material PVC
Material Grout		Length 50'
		Top Elevation 266.14
Backfill		•
Тор		Seal
Bottom		Top 46.0
Material		Bottom 48.0
		Material Bentonite Chip
Secondary Sand	11 16	
Top		Screen
Bottom	յի ըն	Top 50.00
Size	0' 'ij	Bottom 100.00
Size		Material Sch. 40 PVC
Filter Pack	11' '1' 111 - 11'	Diameter 4"
Top 48.0		Length 50'
Bottom 100.0	10 04	Slot Size 0.010"
	班 拼	
Material #1 sand	# #	Soil Description
Papartad donth to hottom of having 100.00		46' to 71': Grey LIMESTONE
Reported depth to bottom of boring 100.00		71' to 96': Grey LIMESTONE, moist cuttings at 81'
Last measured depth 99.86	班 拼	96' to 100': Gray LIMESTONE
	11 11	POP 1001
Comments	班 拼	BOB 100'
	<u> </u>	
	11 11	
	7	
Vartical s.	cale ~ 1:200	
vertical st	1.200	



WELL COMPLETION LO		G	W II ID
Project: Phase II/III Investigat		Start Date	Well ID
LEA Commission Number 07M	D306.005	08/09/2004	MW-05D
Client Black & Decker HHI		End Date	
Location Baldwin Hardware		08/27/2004	
Drilling Contractor Eichelbe	•	Logged by	Dave Brisson
Drilling Method Air Rota	ry	Drilling Foreman	Carey Knaub
Sampling Method N.A.		Drill Rig	Ingersoll Rand T-4
Groundwater Observation			
•	Hours		
Depth to Water ranges from 77.0	3 to 79.92		
Protector			
Material Steel		Concrete Dian	
Diameter 6"		Concrete Thic	kness
· ·	round		
Stickup 2.33'		Reference	
Key # GW		Elevation	255.32
Cover Type Collar & Lid	,	Description	n Top of PVC Casing
Top Seal		Casing	
Top 0		Diameter	2"
Bottom 141		Material	PVC
Material Grout		Length	150.0'
		Top Elevat	tion 255.32
Backfill		•	
Тор		Seal	
Bottom		Тор	141.0
Material		Bottom	147.5
		Material	Bentonite Chip
Secondary Sand			
Top		Screen	
Bottom		Тор	150.00
Size		Bottom	200.00
Size		Material	Sch. 40 PVC
Filter Pack		Diameter	2"
Top 147.5			50'
		Length Slot Size	0.010"
Bottom 200.0			0.010
Material #1 Sand		Soil Description	
D (11 d (1) (2)	til to	150' to 175': Grey LIMI	ESTONE hard
Reported depth to bottom of boring	200.00	175' to 195': Hard grey	
Last measured depth 202	.15	195' to 200': Hard grey	
	뉴 - II	DOD 2001	
Comments	H	BOB 200'	
	- H − H		
	H		
	¦i i¦i		
	<u>!! !</u> !		
	Vertical scale ~ 1:400		
	verneui seute ~ 1.400		



Project: Phase II/III Investigation	Start Date Well ID
LEA Commission Number 07MD306.005	00/04/0004
Client Black & Decker HHI	08/24/2004 MW-05I
Location Baldwin Hardware	08/27/2004
Drilling Contractor Eichelbergers	Logged by dddcrowther
Drilling Method Air Rotary	Drilling Foreman Carey Knaub
Sampling Method N.A.	Drill Rig Ingersoll Rand T-4
Groundwater Observation	Drin Kig Higgstson Rand 1-4
Depth 78.2 at Hours	
Depth to Water ranges from 76.67 to 79.63 Protector	
Material Steel	Concrete Diameter 2'
Diameter 6"	Concrete Thickness 2'
Length 6' Ground	Concrete Timekness 2
	Deference
Stickup 2.93'	Reference
Key # GW	Elevation 254.78
Cover Type Collar & Lid	Description Top of PVC Casing
Top Seal	Casing
Top 0	Diameter 2"
Bottom 99	Material PVC
Material Grout	Length 106.0'
	Top Elevation 254.78
Backfill	
Тор	
Bottom	Top 99.0
Material	Bottom 103.0
	Material Bentonite Chip
Secondary Sand	
Тор	Screen
Bottom	Top 106.00
Size	Bottom 146.00
	Material Sch. 40 PVC
Filter Pack	Diameter 2"
Top 103.0	Length 40.0'
Bottom 146.0	Slot Size 0.010"
Material #1 Sand	Soil Description
Macrial #1 Daild	
Reported depth to bottom of boring 146.00	100.' to 112': Grey LIMESTONE, hard
Last measured depth 148.07	112' to 125': Tan LIMESTONE, soft
Last measured deput 140.07	125' to 143': Grey LIMESTONE, hard
Community	143' to 146': Tan to brown LIMESTONE, highly fractured, weathered
Comments	weathereu
	BOB 146'
	- 第二版
	· u — ц ·
Vertical scale ~	1:300
, ctear searc	



Project: Phase II/III Investigation LEA Commission Number 07MD306.005		Start Date 08/24/2004	Well ID MW-05S
Client Black & Decker HHI Location Baldwin Hardware		End Date 08/24/2004	
Drilling Contractor Eichelbergers	<u> </u>		crowther
Drilling Method Air Rotary			ey Knaub
Sampling Method N.A.			ersoll Rand T-4
Groundwater Observation		Dim Kig mgc	Alson Rand 1-4
Depth 77.9 at Hours			
Depth to Water ranges from 76.88 to 78.86			
Protector			
Material Steel		Concrete Diameter	2'
Diameter 6"	\vdash	Concrete Thickness	2'
Length 6' Ground			
Stickup 2.91'		Reference	
Key # GW		Elevation	255.21
Cover Type Collar & Lid		Description To	p of PVC Casing
71			,
Top Seal		Casing	
Top 0		Diameter 2"	
Bottom 36		Material PV	rC
Material Grout		Length 44	
Transfilm Grout		Top Elevation	255.21
Backfill		Top Elevation	233.21
Тор		Seal	
Bottom		Top 36	0
Material		Bottom 41	
Material			
C	# #	Material Be	ntonite Chip
Secondary Sand	-	S	
Тор		Screen	44.00
Bottom	# # # #	Тор	44.00
Size		Bottom	99.00
Pil. D. I	ji ij		h. 40 PVC
Filter Pack		Diameter 2"	
Top 41.0	ji ij	Length 55	
Bottom 99.0			010"
Material #1 Sand		Soil Description	
		16' to 45': Grey LIMESTONE	
Reported depth to bottom of boring 99.00	[[45' to 50': Tan LIMESTONE,	weathered
Last measured depth 99.00		50' to 60': Grey LIMESTONE,	soft
		60' to 73': Grey LIMESTONE,	
Comments		73' to 75': Grey LIMESTONE, 75' to 90': Grey LIMESTONE,	
		90' to 92': Grey LIMESTONE,	
		92' to 97': Tan LIMESTONE,	
	반 방	97' to 98': Grey LIMESTONE,	
		98' to 99': Tan LIMESTONE,	soft
Vort	rical scale ~ 1:200		
Veil	1.200		



Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI		Start Date 08/05/2004 End Date	Well ID MW-06
Location Baldwin Hardware		08/14/2004	
Drilling Contractor Eichelbergers Drilling Method Air Rotary		00 i	ve Brisson rey Knaub
Sampling Method N.A.			gersoll Rand T-4
Groundwater Observation			
Depth 71.0 at Hours			
Depth to Water ranges from 68.76 to 73.16			
Protector			
Material Steel		Concrete Diameter	1.5'
Diameter 8"	1 1	Concrete Thickness	1.5'
Length 6' Ground			
Stickup 2.11'		Reference	
Key #		Elevation	246.51
Cover Type Collar & Lid		Description 7	Cop of PVC Casing
Top Seal		Casing	
Top 0			."
Bottom 69			PVC
Material Grout			5'
Material Grout		6	
D 1 699		Top Elevation	246.51
Backfill			
Тор		Seal	
Bottom		•	9.0
Material			1.0
		Material F	Bentonite Chip
Secondary Sand			
Тор		Screen	
Bottom		Top	73.00
Size		Bottom	78.00
		Material S	Sch. 40 PVC
Filter Pack		Diameter 4	."
Top 71.0		Length 5	'
Bottom 78.0		•	0.010"
Material #1 Sand		Soil Description	
Reported depth to bottom of boring 78.00		60' to 78': Dark brown CLA	Y, moist
Last measured depth 101.98	' - 	BOB 78'	
Comments			
Overburden Well			
Vertical sca	le ~ 1:200		



Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware	Start Date Well ID MW-07D
Drilling Contractor Eichelbergers Drilling Method Air Rotary Sampling Method N.A. Groundwater Observation	Logged bydddcrowtherDrilling ForemanCarey KnaubDrill RigIngersoll Rand T-4
Depth 57.0 at Hours	
Average depth to water is 56.98	_
Protector	
Material Steel	Concrete Diameter 2'
Diameter 6"	Concrete Thickness 2'
Length 72.87' Ground	
Stickup 2.87'	Reference
Key # GW	Elevation 231.17
Cover Type Collar & Lid	Description Top of Protector
Top Seal	Casing
Top 0	Diameter 6"
Bottom 70	Material Steel
Material Grout	Length 72.87'
	Top Elevation 231.17
Backfill	
Top	Seal
Bottom	Top 70.0
Material	Bottom 69.0
	Material Bentonite
Secondary Sand	
Top	Screen
Bottom	Top 70.00
Size	Bottom 72.00
	Material Sch. 40 PVC
Filter Pack	Diameter 4"
Top 69.0	Length 2.0
Bottom 72.0	Slot Size 0.010"
Material #1 Sand	Soil Description
Reported depth to bottom of boring 100.00	64' to 85': Grey LIMESTONE, competent
Last measured depth 73.00	
Comments	
Bedrock Well (Unscreened/ Uncased/ Open from 72-73')	
Screen depths by authority of Dave Scotti; note difference from well description	
Vertical scale ~ 1:200	



Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware	Start Date Well ID MW-07S End Date 08/20/2004
Drilling ContractorEichelbergersDrilling MethodAir RotarySampling MethodN.A.	Logged bydddcrowtherDrilling ForemanCarey KnaubDrill RigIngersoll Rand T-4
Groundwater Observation	Dilli Rig
Depth 52.6 at Hours	
Depth to Water ranges from 51.67 to 53.61	
Protector	
Material Steel	Concrete Diameter 2'
Diameter 6"	Concrete Thickness 2'
Length 6' Ground	2 contract Timesiness
Stickup 2.19'	Reference
Key # GW	Elevation 230.18
Cover Type Collar & Lid	Description Top of PVC Casing
Cover Type Conar & End	Description Top of Tve Casing
Top Seal	Casing
Top 0	Diameter 2"
1	Material PVC
'	
Material Grout	Length 37.0'
7. 1.71	Top Elevation 230.18
Backfill	
Top	Seal
Bottom	Top 31.0
Material	Bottom 33.0
	Material Bentonite Chip
Secondary Sand	- [11
Top	Screen
Bottom	Top 37.00
Size	Bottom 57.00
	Material Sch 40 PVC
Filter Pack	Diameter 2"
Top 35.0	Length 20'
Bottom 57.0	Slot Size 0.010 "
Material #1 Sand	Soil Description
Reported depth to bottom of boring 57.00	36' to 38': Light grey LIMESTONE, fractured
Last measured depth 57.00	38' to 40': Light grey LIMESTONE, more competent 40' to 41': Light grey LIMESTONE, more competent 41' to 50': Light grey LIMESTONE, more competent rock
Comments	50' to 56': Light bluish grey LIMESTONE, fractured 56' to 57': Yellow sandy LIMESTONE
	BOB 57'
Vertical scale ~ 1:200	



Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware	Start Date Well ID MW-08S
Drilling ContractorEichelbergersDrilling MethodAir RotarySampling MethodN.A.Groundwater Observation	Logged bydddcrowtherDrilling ForemanCarey KnaubDrill RigIngersoll Rand T-4
Depth 53.3 at Hours	
Depth to Water ranges from 51.78 to 54.89	
Protector	
Material Steel	Concrete Diameter 2'
Diameter 6"	Concrete Thickness 2'
Length 6' Ground	
Stickup 2.61'	Reference
Key # GW	Elevation 230.95
Cover Type Collar & Lid	Description Top of PVC Casing
Top Seal	Casing
Top 0	Diameter 2"
Bottom 58	Material PVC
Material Grout	Length 70'
<u> </u>	Top Elevation 230.95
Backfill	
Тор	Seal
Bottom	Top 58.0
Material	Bottom 61.5
Hateria	Material Bentonite Chip
Secondary Sand	Waterial Bentonite Chip
Top	Screen
Bottom	Top 63.00
Size	Bottom 68.00
Size	
	Material Sch 40 PVC
Filter Pack	Diameter 2"
Top 61.5	Length 5'
Bottom 68.0	Slot Size 0.010"
Material #1 Sand	Soil Description
Reported depth to bottom of boring 68.00	58' to 67': Very pale brown LIMESTONE, competent 67' to 68': Limestone VOID
Last measured depth 74.12	
-	BOB 68'
Comments	
Vertical scale ~ 1:200	
remediated 1.200	



Project: Phase II/III Investigation LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware		Start Date 08/17/2004 End Date 08/17/2004	Well ID MW-08D
Drilling Contractor Eichelbergers Drilling Method Air Rotary Sampling Method N.A. Groundwater Observation		Logged by Drilling Foreman Drill Rig	dddcrowther Carey Knaub Ingersoll Rand T-4
Depth 51.0 at Hours			
Depth to Water ranges from 49.96 to 52.07			
Protector			
Material Steel		Concrete Diar	neter
Diameter 6"		Concrete Thic	ckness
Length 72.32' Ground			
Stickup 2.32'		Reference	
Key # GW		Elevation	230.94
•			
Cover Type Collar & Lid		Descriptio	on Top of Protector
Top Seal		Cosino	
_		Casing	
Top 0		Diameter	6"
Bottom 68		Material	Steel
Material Grout		Length	72.32'
		Top Eleva	tion 230.94
Backfill			
Top		Seal	
Bottom		Top	68.0
Material		Bottom	67.0
		Material	Bentonite
Secondary Sand			
Тор		Screen	
Bottom		Тор	68.00
Size		Bottom	70.00
		Material	Sch 40 PVC
Filter Pack		Diameter	2"
Top 67.0		Length	2.0
Bottom 70.0		Slot Size	0.010"
Material #1 Sand	Lipp pri L		0.010
νιαιοπαι π1 θαιία	[1	Soil Description	
Reported depth to bottom of boring 100.00		57' to 70': Very pale bro	own LIMESTONE, competent
		paro or	, sompetent
Last measured depth 97.00			
Comments			
Bedrock Well (Unscreened/ Uncased/ Open from 70-97') Screen depths by authority of Dave Scotti; note			
difference from well description			
difference from wen description			
Wood I I	. 1.200		
Vertical scale	e ~ 1:200		



Depth to Water ranges from 51.7 Protector Material Steel Diameter 6"	Hours	Drilling Foreman Drill Rig	dddcrowther Carey Knaub Ingersoll Rand T-4	
Depth 53.3 at Depth to Water ranges from 51.7 Protector Material Steel Diameter 6" Length 6'				
Protector Material Steel Diameter 6" Length 6'	8 to 54.89			
Material Steel Diameter 6" Length 6'		-		
Diameter 6" Length 6'		~ _		
Length 6'		Concrete Diame	ter 2'	
		Concrete Thickn	ness 2'	
Stickup 2.61'	Ground			
		Reference		
Key # GW		Elevation	230.95	
Cover Type Collar & Lid		Description	Top of PVC Casing	
		_		
Top Seal		Casing		
Top 0		Diameter	2"	
Bottom 58		Material	PVC	
Material Grout		Length	70'	
Material Grout		Top Elevation		
Backfill		Top Zievatio		
Тор		Seal		
Bottom		Top	58.0	
		1 op Bottom	61.5	
Material				
Carandama Canal		Material	Bentonite Chip	
Secondary Sand				
Тор		Screen	52.00	
Bottom		Тор	63.00	
Size		Bottom	68.00	
	ارا ال	Material	Sch 40 PVC	
Filter Pack		Diameter	2"	
Top 61.5		Length	5'	
Bottom 68.0	<u> </u>	Slot Size	0.010"	
Material #1 Sand	11	Soil Description		
Reported depth to bottom of boring 68.00			58' to 67': Very pale brown LIMESTONE, competent	
Last measured depth 74.12		67' to 68': Limestone VO	67' to 68': Limestone VOID	
Comments		BOB 68'		



Project: Phase II/III Investigation		Start Date	Well ID
LEA Commission Number 07MD306.005 Client Black & Decker HHI Location Baldwin Hardware		08/26/2004	
		End Date 08/31/2004	MW-09
		Logged by	Dave Brisson
Drilling Contractor Eichelbergers		00 •	
Drilling Method Air Rotary		Drilling Foreman	Carey Knaub
Sampling Method N.A.		Drill Rig	Ingersoll Rand T-4
Groundwater Observation			
Depth 48.6 at Hours			
Depth to Water ranges from 43.04 to 54.15 Protector			
Material Steel		Concrete Diam	
Diameter 8"		Concrete Thick	kness 2'
Length 20' Ground			
Stickup -0.35		Reference	
Key # GW		Elevation	262.80
Cover Type Road Box		Description	n Top of PVC Casing
Top Seal		Casing	
	il II:	=	4"
Top 0	jl	Diameter	
Bottom 3		Material	PVC
Material Bentonite Chip		Length	30'
	tio nii	Top Elevat	ion 262.80
Backfill			
Top	tio nii	Seal	
Bottom		Top	3.0
Material	40 (0)	Bottom	27.0
	91 In 90	Material	Bentonite Chip
Secondary Sand	111 - 111 111 - 111		
Тор		Screen	
Bottom	tir iii	Тор	30.00
Size	ļd - lu	Bottom	100.00
5120		Material	Sch 40 PVC
Filter Pack	ļd - lu	Diameter	4"
Top 27.0			70'
•	94 - 10	Length	
Bottom 100.0		Slot Size	0.010"
Material #1 Sand	91 16	Soil Description	
Reported depth to bottom of boring 100.00		30' to 32.5': Pale yellow	SILT, some Clay, dry
Last measured depth 97.77	# #		n grey LIMESTONE, saturated
Zast mousared depair	94 - 10	38' to 44': Greenish grey	
Comments			y LIMESTONE, weathered nered sandy LIMESTONE
Comments	40 - 10		reenish grey LIMESTONE layers
		56' to 57': Pale yellow LIMESTONE	
	94 - 16	57' to 100': Alternate lay	yers of yellow and greenish grey
	91 - 10 11 - 11		er alternates between 1' and 12'
	1 1 1	thick). No voids and ver	ry little weathering, competent rock
	1 1000		
Vertical se	cale ~ 1:200		

